

**Amendments to the Claims**

1. (CURRENTLY AMENDED)                      Panel-shaped acoustic wave generator (~~1A;~~  
~~1B; 101~~), comprising:  
at least one plate (~~2, 3; 102, 103~~);  
acoustic transducer means (~~4; 140~~) for causing said plate to vibrate;  
feedback means (~~10~~) for generating a feedback signal and  
comprising a motion sensor (~~9~~) having at least one sensor component (~~11, 12; 14;~~  
~~111B, 112B~~) mechanically coupled to said plate (~~2, 3; 3; 102, 103~~).
2. (CURRENTLY AMENDED)                      Wave generator according to claim 1, the at  
least one plate (~~2, 3; 102, 103~~) comprising a first plate (~~2; 102~~) and a second plate  
(~~3; 103~~) arranged substantially parallel at a distance (~~D~~) from each other;  
said motion sensor (~~9~~) comprising a first sensor component (~~11; 111B~~) mechanically  
coupled to the first plate (~~2; 102~~) and a second sensor component (~~12; 112B~~)  
mechanically coupled to the second plate (~~3; 103~~).
3. (CURRENTLY AMENDED)                      Wave generator according to claim 1,  
wherein said motion sensor (~~9~~) comprises a reference component (~~5~~) cooperating with  
said one sensor component (~~14~~), said reference component (~~5~~) preferably being a third  
plate arranged substantially parallel to said one plate (~~3~~) at a distance therefrom.
4. (CURRENTLY AMENDED)                      Wave generator according to claim 1,  
wherein said at least one sensor component (~~11, 12; 14; 111B, 112B~~) is integrated in  
the corresponding plate (~~2, 3; 3; 102, 103~~).
5. (CURRENTLY AMENDED)                      Wave generator according to claim 2,  
wherein said feedback means (~~10~~) are adapted to generate a feedback signal (~~S<sub>A</sub>~~)  
representing a relative motion of at least a portion of the first plate (~~2; 102~~) with  
respect to at least a portion of the second plate (~~3; 103~~).
6. (CURRENTLY AMENDED)                      Wave generator according to claim 3,  
wherein said feedback means (~~10~~) are adapted to generate a feedback signal (~~S<sub>A</sub>~~)

representing a relative motion of at least a portion of said plate ~~(3)~~ with respect to said reference component ~~(5)~~.

7. (CURRENTLY AMENDED) Wave generator according to claim 2, wherein said motion sensor ~~(9)~~ is a capacitive sensor.

8. (CURRENTLY AMENDED) Wave generator according to claim 2, wherein said first and second plates ~~(102, 103)~~ comprise a front plate ~~(103)~~ and a back plate ~~(102)~~, respectively, of a display device ~~(100)~~ comprising an array of display cells ~~(110)~~, each display cell ~~(110)~~ comprising a first electrode ~~(111)~~ connected to said back plate and a second electrode ~~(112)~~ connected to said front plate with a dielectric medium ~~(104)~~ arranged between said two electrodes; and wherein said motion sensor ~~(9)~~ is an integrated sensor comprising at least a part of at least one display cell ~~(110B)~~ of the display device.

9. (CURRENTLY AMENDED) Wave generator according to claim 8, wherein said acoustic transducer means ~~(140)~~ are integrated transducer means comprising at least a part of at least one display cell ~~(110A)~~ of the display device.

10. (CURRENTLY AMENDED) Wave generator according to claim 9, wherein said integrated motion sensor ~~(9)~~ comprises a first group ~~(119)~~ of display cells ~~(110B)~~, and wherein said integrated transducer means ~~(140)~~ comprise a second group ~~(141)~~ of display cells ~~(110A)~~, said first and second groups ~~(119, 141)~~ differing from each other.

11. (CURRENTLY AMENDED) Wave generator according to claim 8, wherein the display device ~~(100)~~ comprises a plurality of spacers ~~(105)~~ between the said plates ~~(102, 103)~~; wherein the density of spacers ~~(105)~~ in a display area ~~(151)~~ corresponding with sensor cells ~~(110B)~~ is less than the density of spacers ~~(105)~~ in regions outside said display area ~~(151)~~.

12. (CURRENTLY AMENDED) Wave generator according to claim 8, wherein said display device (~~100~~) is a liquid crystal display device comprising a liquid crystal layer arranged between said two plates (~~102, 103~~).

13. (CURRENTLY AMENDED) Wave generator according to claim 1, being subdivided into a plurality of sections (~~150~~), each section (~~150~~) comprising an associated acoustic transducer means (~~140~~) and at least one associated feedback means (~~151~~), wherein a drive signal for an acoustic transducer means (~~140~~) of a section (~~150~~) is generated on the basis of the feedback signal from the corresponding feedback means (~~151~~).

14. (CURRENTLY AMENDED) Electronic apparatus (~~200~~), comprising:  
a wave generator according to claim 1;  
an acoustic driver (~~AD~~) comprising:  
- a signal input for receiving an input signal ( $S_{IN}$ );  
- a feedback input for receiving a feedback signal ( $S_P$ ) from the feedback means (~~110B~~);  
- a drive output coupled to an input of the acoustic transducer means (~~110A~~);  
the acoustic driver (~~AD~~) being adapted to generate at its drive output a corrected drive signal ( $S_D$ ) on the basis of the input signal ( $S_{IN}$ ) and the feedback signal ( $S_P$ ).

15. (CURRENTLY AMENDED) Method for generating sound using a panel-shaped acoustic wave generator (~~1A; 1B; 101~~) comprising two plates (~~2, 3; 102, 103~~) arranged substantially parallel at a distance from each other;  
the method comprising the step of generating a feedback signal ( $S_A$ ) representing a relative motion of at least a portion of one of said plates with respect to at least a portion of the other of said plates.

16. (CURRENTLY AMENDED) Method according to claim 15, wherein said feedback signal ( $S_A$ ) is generated using a capacitive motion sensor (~~9~~) having sensor components (~~11, 12; 111B, 112B~~) mechanically coupled to said plates (~~2, 3; 102, 103~~).

Appl. No. Unassigned; Docket No: NL03 0848 US  
Amdt. dated Jan. 5<sup>th</sup>, 2006  
Preliminary Amendment

Respectfully submitted,

Date: 10-JAN-2006

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